

## ABSTRACT

The present invention provides methods and apparatus for manufacturing insulating glass units. An apparatus and method of using the apparatus is provided by which adhesive is applied 5 to the end regions of the insulating glass unit with one or more nozzles while a separate side arm extends from the device and alongside the insulating glass unit having a nozzle that delivers adhesive bead to the side of the pane to be adhered to the frame or sash. Methods are also provided for applying a deposit forming material to the periphery of the panes of an insulating glass unit.

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